

ABSTRACT OF THE DISCLOSURE

A method and apparatus are provided for gathering statistical information on channel resource occupancy in mobile communication systems. This may provide an operator with reference materials for cell planning in a region where a base station covers and materials on increasing base stations based on a handoff holding time on each base station, by analyzing wireless environment with the channel resource statistical data gathered by counting a period while a call is set up alone by a call origination and termination as a holding time and by counting a period while a soft added call is set up by a handoff request as a handoff holding time.